

ANCAP Safety Rating: NISSAN NAVARA DUAL CAB (March 2015 - onwards)



ANCAP

Safety ★★★★★



Frontal offset test at 64km/h

This ANCAP safety rating applies to:

Make / Model	Nissan NP300 Navara Dual Cab
Year Range	March 2015 - onwards
Variant(s)*	All dual cab variants
Vehicle Type	Utility / Van

The Nissan NP300 Navara utility was introduced in Australia and New Zealand in mid-2015. This 5 star ANCAP safety rating applies to all dual cab variants.

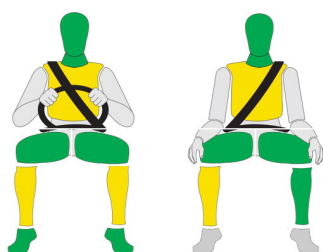
Dual frontal, side chest and head airbags (curtains) and driver knee airbag are standard. Electronic Brake Distribution (EBD) and Emergency Brake Assist (EBA) are also standard. Advanced seat belt reminders are fitted to all seats.

Part of the webbing loop for the routing of the child restraint top tether failed during the frontal offset test. This failure was communicated to the Administrator of Vehicle Standards, Department of Infrastructure & Regional Development. Nissan redesigned the webbing loop and ANCAP conducted a satisfactory second frontal offset test. Nissan has confirmed that all new dual cab Nissan Navara vehicles have been fitted with this improved webbing loop.

Injury Outcomes.

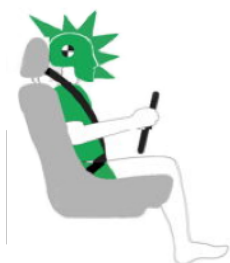
Frontal Offset

Driver Passenger



Side Impact & Pole*

Driver



Whiplash Protection

Driver



GOOD
ACCEPTABLE
MARGINAL
POOR

* Head protection only.

Test Results Summary.

Airbags	Dual Frontal, Side, Head
Frontal Offset Test	14.01 (out of 16)
Side Impact Test	16.00 (out of 16)
Pole Test	2 (out of 2)
Whiplash Protection	Good
Pedestrian Protection	Marginal
ESC	Standard
Seat Belt Reminders	3.0 (out of 3)
Overall Score	35.01 (out of 37)
ANCAP Safety Rating	★★★★★
Rating Year[^]	2015

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

Head / neck:	4.00 points
Chest:	2.72 points
Upper legs:	4.00 points
Lower legs:	3.29 points

The passenger compartment held its shape well in the frontal offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash. After the crash, all doors could be opened with normal effort.

Side Impact Test

Each body region is scored out of 4 points

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points

The side impact test normally used by ANCAP simulates a small car striking the driver's door of the test vehicle. Experience shows that large vehicles like the Navara can be expected to perform well in this test. ANCAP has adopted a policy of awarding these types of vehicles a default score of 16 points (out of 16).

Pole Test

Scored out of 2 points

Score:	2.00 points
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The vehicle was eligible for a side pole test because it has side curtain airbags. The vehicle scored the maximum 2 points for head protection in this test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

Geometric test:	Good
Dynamic test:	Good
Overall whiplash rating:	Good



Pedestrian Protection.

Pedestrian Test

Scored out of 36 points

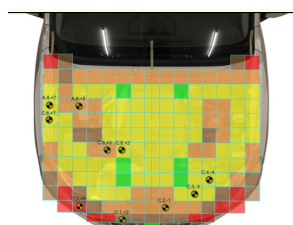
Adult & child head impacts: 14.48 points

Upper leg impacts: 1.33 points

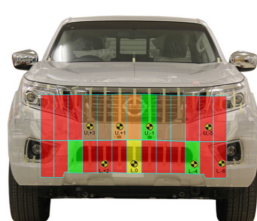
Lower leg impacts: 2.57 points

This vehicle scored 18.38 out of 36 points (Marginal). The central bonnet area offered mostly acceptable protection to head impacts of pedestrians. The bumper scored mostly poor results showing poor protection for pedestrians' legs, with the bonnet leading edge also scoring poorly. (v8.0)

Child and adult head impact



Adult leg impact (upper and full legforms)



Score Deductions.

Deductions from frontal offset test scores

Head / neck: No deductions

Chest: No deductions

Upper legs: No deductions

Lower legs: No deductions

Deductions from side impact test score

High-seat vehicle: Default side impact score awarded.

Deductions from pole test score

Head: No deductions

Other.

Independent assessment has shown that the 2015 ANCAP safety rating of this vehicle only is retained when fitted with:

- Nissan steel bullbar Part No. F2160-4KE1BAU (Narrow Body)
- Nissan steel bullbar Part No. F2160-4KE1AAU (Wide Body)
- Nissan alloy bullbar Part No. F2160-4KE0BAU (Narrow Body)
- Nissan alloy bullbar Part No. F2160-4KE0AAU (Wide Body)

ANCAP was provided with information to show that, with these bullbars fitted, the pedestrian protection rating remains "marginal". While this is still adequate for a 5-star safety rating the fitting of rigid metal bullbars does increase the serious injury risk for struck pedestrians, compared to a Navara without the bullbar fitted.

Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at ancap.com.au.

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	X
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 nd row seats)	S
Airbag - Front (driver)	S
Airbag - Front (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 nd row seats)	X
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 nd row seats)	S
Airbag - Knee (driver)	S
Airbag - Knee (front passenger)	X
Head restraints for all seats	X
Adaptive cruise control (ACC)	X
Antilock braking system (ABS)	S
Automatic headlights	S
Autonomous emergency braking (AEB)	X
Daytime running lights (DRL)	S
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Hill launch assist	V
Lane support system (LSS)	X
Reversing collision avoidance	V
Top tethers for child restraints (3 rear seats)	S
Tyre pressure monitoring system (TPMS)	X

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

S = Standard on all variants.

O = Optional on base variant. May be standard on higher variants.

V = Not available on base variant but standard or optional on higher variants.

X = Not available on any variant.

E = Available in Europe / USA but not available on any Australasian variant.



Injury Values & Measurements.

Body Region	Frontal offset test at 64 km/h (v5.1)		Side impact test at 50 km/h (v5.1)
	Driver	Passenger	Driver
Head			
HIC	763.00	459.00	
Acceleration (g for 3ms)	68.20	53.10	
Neck			
Shear (kN)	0.71	0.38	
Tension (kN)	2.08	0.95	
Extension (Nm)	17.50	10.70	
Chest			
Acceleration (g for 3ms)	-	-	
Compression (mm)	30.95	23.10	
Viscous criterion (m/s)	0.09	0.08	
Abdomen			
Force (kN)	-	-	
Pelvis			
Force (kN)	-	-	
Upper legs			
Femur force left (kN)	2.01	0.13	
Femur force right (kN)	1.73	0.09	
Knee displacement left (mm)	3.39	0.36	
Knee displacement right (mm)	3.66	0.49	
Lower legs			
Force left (kN)	3.07	1.48	
Force right (kN)	2.14	1.50	
Index (upper / lower) left	0.38 / 0.23	0.40 / 0.20	
Index (upper / lower) right	0.30 / 0.42	0.51 / 0.25	
Intrusion Measurements⁺			
Steering column			
Forward (mm)	34		
Upward (mm)	36		
Sideways (mm)	13		
Pedals			
Brake - rearward (mm)	52		
Throttle - upward (mm)	30		
A-Pillar			
Rearward (mm)	1		

HIGH-SEAT VEHICLE
DEFAULT SCORE AWARDED

⁺ Steering column and pedal movements are measured relative to the driver's seat.

* ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

[^] The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

Assessment Details.

Tested Make / Model	Nissan Navara Diesel 4WD Dual Cab
Tested Vehicle(s) Built	2015
Tested Body Type	Utility
Tested Vehicle Kerb Weight	1990 kg
Tested Vehicle Engine	2.3 diesel
Tested By	ANCAP
Assessed By	ANCAP
Document Reference	NAVARA15DUAL
Document Created / Revised	9/11/2015
Rating Published	July 2015
Rating Updated	13 November 2015

